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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/873,367

DATE: 08/07/2001
TIME: 10:09:43

Input Set : N:\paola\09873367.txt
Output Set: N:\CRF3\08072001\I873367.raw

3 <110> APPLICANT: Young, Paul
4 Soppet, Daniel
5 Endress, Gregory
6 Augustus, Meena
7 Ebner, Reinhard
8 Carter, Kenneth
10 <120> TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using
Signature Gene
11 Sets
13 <130> FILE REFERENCE: 689290-64
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/873,367
C--> 15 <141> CURRENT FILING DATE: 2000-06-05
15 <150> PRIOR APPLICATION NUMBER: U.S. 60/209,473
16 <151> PRIOR FILING DATE: 2000-06-05
18 <150> PRIOR APPLICATION NUMBER: U.S. 60/209,531
19 <151> PRIOR FILING DATE: 2000-06-05
21 <150> PRIOR APPLICATION NUMBER: U.S. 60/236,842
22 <151> PRIOR FILING DATE: 2000-09-29
24 <150> PRIOR APPLICATION NUMBER: U.S. 60/236,891
25 <151> PRIOR FILING DATE: 2000-09-29
27 <150> PRIOR APPLICATION NUMBER: U.S. 60/244,867
28 <151> PRIOR FILING DATE: 2000-11-01
30 <150> PRIOR APPLICATION NUMBER: U.S. 60/245,084
31 <151> PRIOR FILING DATE: 2000-11-01
33 <160> NUMBER OF SEQ ID NOS: 1067
35 <170> SOFTWARE: PatentIn version 3.0
37 <210> SEQ ID NO: 1
38 <211> LENGTH: 447
39 <212> TYPE: DNA
40 <213> ORGANISM: Homo sapiens
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52 gtcaccctta taggagccta ctgtacattc tcattgtgaa ccaatctctc tttacattca 180
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58 aaaaacacag aaacccttga gactttctgt aaaattttgg gatcataaaa tatattaaaa 360
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80 taagtgaggg ccccaggatc cacctgccta ggcttcccaa agtgctggga ttacaggcgt 180
82 gacccaccgc gccagccaa gttttggttt cctcaactgg aggtaatatt acatatatta 240
84 cttatacata tgcataagta aacaaagagg gttgttttga gggtaataa aattgatgga 300
W--> 86 tgttaacgct ctntcggtaa attataaagc actatacaa tacaaggcat tattgttaat 360
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93 <212> TYPE: DNA
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104 acttataaaa atgttttgaa agaacatttg aaaaatagat gaatgtcttc tagccagtta 120
106 atagcagaga aagaatttag ttttggtagc tcataagtca gtaaccgtat gccatgtctc 180
W--> 108 cagaagtaaa atccgtctgt tttccagaaa aatgtgatgt agngaattnt cattttatgt 240
110 gttattttgc actcattaat gttaaatttta gatttaaaaa aatcaagttt atttgctttc 300
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114 gtgt 364
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118 <211> LENGTH: 158
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125 tctcaaagtg aagtttagga gtgagtttta gtgttttgta atttgaagaa aagtgtctta 120
127 aaattcaaag ataccaatgg aaagataaaa gtttgggg 158
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131 <211> LENGTH: 271
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133 <213> ORGANISM: Homo sapiens
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140 tactottact tgtttacatg agttaactag aaaatggcta caactgctaa atgatgctta 180
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Input Set : N:\paola\09873367.txt

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162 gatttaaaaa ttttttttca tgaacaaacc atcagtagtt attaaggagc ccaagaaata      180
164 ggagatgtga aagcaggatt tctttgtgtt tcctttgaat gttgttattt tgagtattat      240
166 cattatcagg tagaggaaga aaggtaggct gggaagtagg tccttatgat atcttgacta      300
W--> 168 tggatcccag atttacattt cacctngtca cagagcacac ataatttaag ataaacatgt      360
W--> 170 caagaatgac ataaaccaga ggtaaacacc aaggagcttt acatttgga ccngaaaata      420
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192 tttaacttta gagaccagtg aacgtatgta ccattacctt ttgaaagaca gaatgtctcc      180
194 tcatattgtt ttcttacttt ctagacataa caagcacctt gccatcacac tgaaaagatc      240
196 ataaaatata tagtggttgac ttaaaaatca gtatgatatc tgagactggt tttataaaaa      300
198 ggaagaatca ttgaatttga gtactgaagt tgaaaactag ccatatttgg ttataaatc      360
W--> 200 ctcttaaaaa attagtagtt tctactttgg attnttcctt cnggatggat ttcaccctt      420
W--> 202 aatttagaag tcnaaatacc ttcaaatttt tccctcctta aaatngttaa tttgccacac      480
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208 <211> LENGTH: 590
209 <212> TYPE: DNA
210 <213> ORGANISM: Homo sapiens
212 <220> FEATURE:
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214 <223> OTHER INFORMATION: n=a,t,g or c
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220 aaaaaaaaca tacatttttg aatgtaaaat acccctacag atataaacag gggcgtttcc      120
222 cctcttaata ctttggtttt caatacagtc agtggtatag caaagactac acatacccaa      180
224 cttatattta agttgcaagc acatgctgta taagctactt tttttaaaca gtccccttgc      240
226 aaactctacc ccccttaaca tcacaatagt aaacaattta gtgcatcaat cgtttaaaaa      300
228 atctacagct aaacagacct aactctttca aatttatcta taacattcct ttatctgtag      360
230 catacatttt aactgggcta acagattata aaaactagaa ttaaattata tactagaac      420
232 ccagagcatt ccacatttga caatgaccaa aagccaaaaa atataaaata aaaataaac      480
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240 <211> LENGTH: 496
241 <212> TYPE: DNA
242 <213> ORGANISM: Homo sapiens

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W--> 254 caggcagtga gcctagcaac catacatcga aggtgtcgcc agcctcagtg ccggtggncg    180
256 tctgcaccag gaatagctaa agccgacgac atctagccac ctcgagcgcc aggggaagacg    240
W--> 258 ctccggtana aaccgcggcc tcaggcgagc tcccgctcca gctccgcgct gctggtggca    300
260 tttccgggga cccaaagtgg gtggccttcg tcttgccccc gcagtggcag cacacggtcc    360
262 acaggtactt gagcgtccgc cagagcaaga tgatgaagag gccccgaaga aagtcaccat    420
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279 tagaggacgt ctcttctgtg tgattcctac agccgagaca agatgtgatc acaggagact    180
281 ccaaaatctc aaactgggct tgagtaacac cctagataaa catcaggaac cccactgagg    240
283 ctgaagtact gaaactgtgg cccatgtgaa aaagagggtgc aagtgccaaa gattcatgca    300
285 gagcctgctg gaacagaggg tgggtggcggc gggttagtcc acacttacac accagcaggt    360
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300 aggtaaatca ttgatgattt atattaccaa tttttagaag taattttcta gtaagcttgt    120
302 ggcacacagaa aatactagaa gattttttta gttaaattag ttagaacatt tatgaatgaa    180
304 tataataaat attttttcag aataaaatat ggaccctttg tgtttactaa tagataaagc    240
306 cagatagtaa ttttttgttt ttaaggccac aaaatatggc ctttggttaa gaacactaaa    300
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326 caciaaggca aatcatgagg aaacgttaaa tatttcaaaa tgccacagag gcgtgccaga    120
328 aacagtgtcg tatctatagc acagaatcgt tggaggccaa agctaaagca gtaggggcta    180

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Output Set: N:\CRF3\08072001\I873367.raw

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330 ctgcaacttc tagctcttta ctgctgcttt tttgtttgtt tgatagaggg ggattcaggt      240
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334 ggatccatcc catgctgtct tgaactgttc aggaatggga aattctctat aatcaccatc      360
336 ctgaggggata agtatgttca tttcagatga cttggcgctc acgatctcac agtctaattgc      420
338 atcttcactg aggtatatgt ggcaaccttc tgtcttatta atggaaattg ttggcactct      480
W--> 340 ccccattacc tggatttgaa tgtcctggga gttgatcact tccacnatgc ccaccacatt      540
W--> 342 ggcnaacacc agccgagttt ttacagtggc cattatcttc gtgccgaatt tggcccgagg      600
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357 tttctgtctc ctcatcactg gccatagctt cccaatcacc caatccagca tcttcagtat      180
359 cttcttcttc ttctgggtca acaggaggtg gtgtctcttc cttttctggg actccttggt      240
361 ccataacttc tacagcagca cataattcca ttgattcaga cacttcttta ctttctagct      300
363 gctgtgggat ttttttctc tttttatctt cataaattgg cctcttcttt ggcaaagagt      360
365 cttttgatgg cacttcaaca ccttgagctt gtagcagttt aagagtagct tcggctctgg      420
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382 accatgtgcc cacactccag taggacacag tcgatgacgg catccatgca gatgcgacac      180
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388 gaatagttga caaaattccg agccagaatt tcttccagct ggcgcacgct tcattccttc      360
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405 attctattca tcttgttgc actttagaga gagaagtaag ctatgtgagt ttacaatgc      180
407 ttttaactg tcataatttc tgttagcac ttttaactggc acattcttat agttataaat      240
409 gttctgaggg cgtaacttta taacctcctt tgcaaagaat gcatgaagag ctcttcatga      300
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417 <211> LENGTH: 572

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.